| Index | ~ 4 | \sim 1 | ~ <i>i</i> ~ | |
|-------|----------|----------|--------------|-----|
| inaev | α | 1 . 1. | aım | , < |



Application/Control No.

08/579,733

Examiner

Date

James A. Thompson

Applicant(s)/Patent under Reexamination

NOBUTA ET AL.

Art Unit

2625

| √ | Rejected |
|----------|----------|
| _ | A 11 |

| _ | (Through numeral) Cancelled |
|---|--------------------------------|
| | Postricted |

Claim

| N | Non-Elected |
|---|--------------|
| ı | Interference |

| А | Appeal |
|---|----------|
| o | Objected |

| | | | | | | | | į | | |
|------------|--|--|--|----------|----------|--|--|--|----------|-----------------|
| | | | | | | | | | | \neg |
| Cla | ıım | | | _ | ᆜ | Date | | | | |
| | - E | | | | | | | | | |
| Final | Original | Į. | | | | | | İ | | |
| <u>:</u> ⊑ | rig | 20 | | | | | | | | |
| - | 0 | 7 | | | | | | - 1 | | |
| <u> </u> | | | | _ | _ | | - | | _ | \vdash |
| | 7 | | | | | | | | | Щ |
| | -2 | | | | | | | | | |
| | + 4 4 4 4 4 + | | | | | | | | | |
| | 4 | | | | | | | | | |
| | 5 | | | | _ | | | | | |
| | 6- | | | _ | | | | \neg | | \vdash |
| | -30- | - | | - | _ | | | - | | \vdash |
| | / | - | | | _ | | | | _ | Н |
| | -8 - | | | | | | | | | _ |
| L | 9- | L | | | | | | | | |
| L | -10 | L | | | | | | | | |
| | 11 | | | | | | | | | |
| | 12 | Г | | | | | | | | |
| | 12 13 14 | | | _ | | \vdash | \vdash | | _ | |
| - | 14 | \vdash | \vdash | | - | | \vdash | - | | \vdash |
| - | 14 | - | - | | _ | <u> </u> | \vdash | | - | |
| | 15 | | | | _ | <u> </u> | \vdash | | | $\vdash \vdash$ |
| | 15 16 17 18 | _ | | | L | <u> </u> | <u> </u> | | | \sqcup |
| | 17 | | | | | | | | | Ш |
| | 18- | | | | | | | | | |
| | 1 44 | | | | | | | | | |
| | 20- | | | | _ | | | | | |
| | 34- | | | | _ | - | - | | _ | Н |
| | 20 | | - | | | - | | | - | \vdash |
| | 22 | - | _ | | - | | | | _ | \vdash |
| | 20 21 22 23 25 25 26 20 28 | <u> </u> | | | | | | | | \vdash |
| L | (24) | V | | _ | _ | L | | | _ | |
| 1 | 25. | | | | | | | | | |
| | 26- | | | | | | | | | . |
| | 27) | V | | | | | | | | П |
| | 28- | | t — | | | | | Г | | |
| | 29. | - | | \vdash | - | - | | | - | - |
| | 30 | - | - | - | - | - | - | | \vdash | \vdash |
| | | | - | <u> </u> | | - | | | - | \vdash |
| L | 31- | <u> </u> | _ | _ | | <u> </u> | \vdash | | | ├ |
| | 32_ | | | _ | _ | _ | L | _ | | \sqcup |
| L | 33- | | L | L | | L | L | | | L |
| | 34- | | | | | [| _ | | _ | |
| | 35 | 1 | 1 | | | Γ- | | | | |
| | 98 | - | | _ | \vdash | T | | | \vdash | \vdash |
| | 38 37 | \vdash | \vdash | | | | | \vdash | - | $\vdash \dashv$ |
| | 20 | | | | ├- | \vdash | ├ | | | \vdash |
| | 38- | <u> </u> | - | - | - | - | ├ | ļ | - | ╁┷┤ |
| | 39 | _ | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | | <u> </u> | \vdash |
| | 40 | L | | | L_ | L | _ | | <u></u> | |
| | 41 | | | | L | | | | L | |
| | 42 | 1 | Г | | | | Γ | | | П |
| | 43 | | 1 | | Ι | Γ | Π | | Γ | П |
| | 44 | | | - | 1 | | | | | Н |
| - | | - | +- | - | - | - | \vdash | | \vdash | + |
| | 45 | <u> </u> | - | | - | \vdash | - | | - | \vdash |
| | 46 | Ĺ | - | <u> </u> | - | - | - | - | ⊢ | |
| | 47- | † | - | | 1_ | <u> </u> | _ | | <u> </u> | |
| | 48 | | L_ | _ | L | L. | <u> </u> | | | |
| | 49 | <u>L</u> | | L | | L | L | | L | |
| | 50- | | | | | | 1 | | | |

| Claiiii | | | | | | 7010 | <u> </u> | | | |
|---------------|--|---------------------------------------|----------|----------|--|--|--|----------|----------|-------------|
| Final | Original | 1/20/07 | | | | | | | | |
| | 51 | | | | | \neg | | | | \neg |
| \vdash | ਰਾ | | | | - | | | | | \dashv |
| | ###################################### | | | | | | | | | |
| | 53 | | | | | | | | | |
| | 54 | | | | | | | | | |
| | 55 | | | | | | | | | \neg |
| - | 56 - | | | | | | | \dashv | | |
| \vdash | | | | | | - | - | _ | | \dashv |
| \vdash | 57 - | | | | | | | | | |
| | 58 | 7 | | | | | | _ | | |
| | 59 | V | 1 | | | | | | | |
| | 59 60 | | | | | | | | | - |
| | 61- | | | | | | | | | $\neg \neg$ |
| | 50 | | _ | | - | | - | | | |
| | 0_ | <u> </u> | | | | | | | | |
| | 63 | | | | | | | | | |
| | 69 | V | | | | | | | | |
| | 62 63 64 65 | | | | | | | | | |
| | 66 | V | | | | | | | | |
| | <u>6</u> | J | - | | | | | | | |
| | 66 67 68 | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | | | | | | | | \dashv |
| | 68 | V | | _ | | - | | | | |
| | 69 70 71 72 73 74 | V | | | | | | | | |
| | 70 | V | | | | | | | | |
| | 71 | 1 | | | | | | | | i |
| | 12 | V | | | | | | | | |
| | 73 | J | | \vdash | Н | | _ | | | |
| \vdash | 74 | ., | | | | | | - | | |
| — | 74 | | _ | <u> </u> | _ | <u> </u> | | - | | |
| | 75 | 1 | | | ŀ | | | <u>_</u> | | |
| | 76 | | | | | | | | | |
| | 77 | | | | | | | | | |
| | 78 79 | | | | | | | | | |
| \vdash | 70 | - | _ | - | _ | | _ | | _ | |
| \vdash | 70 | <u> </u> | - | _ | - | \vdash | ├ | - | | |
| _ | 80 | - | | | | <u> </u> | | ├— | | |
| ļ | 81 82 | <u> </u> | <u> </u> | | <u> </u> | <u> </u> | | | | |
| | 82 | | <u> </u> | | | | | | | |
| | 83 | | | | | | | | | |
| | 83 84 | | | | | | | | | |
| | 85 | - | Ι | | <u> </u> | | | | | _ |
| - | 86 | - | \vdash | | \vdash | | | | _ | |
| <u> </u> | 86 87 | | | | - | ├ | - | | | |
| ļ | 0/ | - | | - | - | <u> </u> | - | | | |
| <u> </u> | 88 | <u> </u> | <u> </u> | ļ | <u> </u> | _ | | | <u> </u> | <u> </u> |
| | 89 | | _ | | | | L | _ | | _ |
| | 90 | | | | | | | | | |
| | 91 | | | | | | | | | |
| | 92 | _ | 1 | Ι | Ι | | _ | 1 | | |
| | 93 | 1 | \vdash | ├ | | | \vdash | - | \vdash | _ |
| | | | | +- | \vdash | ├ | | - | - | |
| <u> </u> | 94 | _ | 1 | ⊢ | 1 | <u> </u> | \vdash | - | - | |
| | 95 | <u> </u> | | | | <u> </u> | ļ | _ | | <u> </u> |
| | 96 | | ľ | | L | L | | | <u>_</u> | |
| | 97 | | | | | | | | | |
| | 98 | | Г | Γ | Γ | | | Г | | |
| | 99 | 1 | \vdash | \vdash | | 1 | \vdash | | | \vdash |
| - | 100 | + | + | | | \vdash | | 1 | | \vdash |
| 4 | LIUU | 1 | 1 | | | | | | | 1 |

| Cla | aim | | | | [| Date | | | | |
|----------|--|----------|----------|----------|---------------|--------------|-------------|---|---|----------|
| | | | | | | | | | | |
| ıal | Original | | | | | | | | | |
| Final | rig | | | | | | | | | |
| | 0 | | | | | | | | | |
| | 101 | | | | | - | | | | |
| | 102 | | | | | | | | | |
| | 103 | | | | _ | | | | | П |
| | 104 | | | | | | | | | |
| | 103 104 105 | _ | | | | | | | | |
| | 106 107 | | | | | | | | | |
| | 107 | | - | | | _ | | | | |
| | 108 109 | | | | | | | | | |
| | 109 | | | | \Box | | | | | |
| | 110 | | | | - | | | | | |
| | 111 | | | | | | | | | |
| | 112 | | | | | _ | | | | |
| | 113 | | _ | | Г | | | _ | | |
| | 111 112 113 114 115 116 | | | | Γ | Γ | | | | \Box |
| ļ | 115 | | | | | Г | | | | |
| | 116 | | | | | | | | | |
| | 117 | | _ | | | | | | | |
| | 118 | _ | | | $\overline{}$ | | | | | |
| | 119 | <u> </u> | | 1 | | | | | | |
| | 120 | | _ | 1 | | T | | _ | Г | |
| | 118 119 120 121 | | _ | — | | · | | _ | | |
| | 122 | | | | | <u>├</u> | | | | |
| | 123 | | - | | | | | | | |
| | 122 123 124 125 126 127 128 129 | | - | | | | | - | | |
| | 125 | | - | <u> </u> | | T | | | | |
| | 126 | | | | | 1 | | | | |
| | 127 | | | | | | | | | \sqcap |
| | 128 | | | | ┪ | | | | | |
| | 129 | | Г | T- | | _ | | | | |
| | 130 131 132 | | | T | \vdash | T | \vdash | | | |
| <u> </u> | 131 | | | | 1 | 1- | | | | |
| | 132 | 1 | | | Т | | | | | |
| | 133 | Г | | | | | | | | |
| | 134 | T | | | | | | | | |
| | 135 | | | | | | | | | |
| | 136 | Г | | | | 1 | | Г | | |
| | 137 | Π | Г | Π | 1 | Г | | | | |
| | 138 | | | T | | 1 | Г | | | |
| | 138 139 | | Π | Τ | | | 1 | T | T | |
| | 140 | 1 | Ţ- | T | Г | Ţ | 1 | | | |
| - | 141 | | | Γ | | | | Γ | | Γ |
| | 142 | T | | | | Τ | | | Π | |
| | 143 | 1 | \vdash | T | 1 | Τ | 1 | Г | Т | |
| | 144 | Т | T | T | Т | T | | | | |
| | 145 | 1 | | Т | T | 1 | Τ | Г | Т | 1 |
| | 146 | Г | Т | 1. | 1 | 1 | 1 | Γ | Т | Π |
| | 147 | 1 | | 1 | | T | 1 | T | 1 | Т |
| | 148 | 1 | T | T | 1 | T | T | T | 1 | T |
| | 149 | Τ | \top | † | \top | † | T | T | | Т |
| | 150 | 1 | | T | | T | 1 | Т | 1 | 1 |
| L | | | _ | | - | | ٠ | | | |